

SUGARCANE GROWTH MEASUREMENT DATA
USDA-ARS, SRRC, SUGARCANE RESEARCH UNIT
ARDOYNE FARM, HOUma, LOUISIANA

Growth Measurement No. 18

Growth from 7/26/05 to 8/2/05

Average growth (inches) this week Plant-Cane

LCP 85-384.....	4.85
Ho 95-988	4.83
HoCP 96-540.....	5.10
L 97-128	4.85

Average growth (inches) this week 1st-Stubble

LCP 85-384.....	5.00
Ho 95-988	4.75
HoCP 96-540.....	6.40
L 97-128	5.10

Average height (inches) to date Plant-Cane

LCP 85-384.....	72.95
Ho 95-988	70.70
HoCP 96-540.....	69.90
L 97-128	81.75

Average height (inches) to date 1st-Stubble

LCP 85-384.....	68.60
Ho 95-988	69.65
HoCP 96-540.....	77.05
L 97-128	82.00

Average height in inches

YEAR	HoCP 96-540		LCP 85-384	
	PLANT-CANE	1 ST -STUBBLE	PLANT-CANE	1 ST -STUBBLE
2005	69.9	77.1	73.0	68.6
2004	86.3	84.1	77.4	82.1
2003			70.1	72.3
2002			72.7	72.7
2001			76.0	75.6
2000			82.0	83.6
1999			87.5	83.1
1998			75.4	93.4
1997			74.5	77.3
1996			71.2	69.9

SOIL MOISTURE and CLIMATOLOGICAL DATA*

	<u>6"</u>	<u>12"</u>	<u>18"</u>	<u>Temp</u>
Min	41.8	30.3	27.3	71.8
Max	52.8	57.8	34.5	100.7
Mean	46.8	49.9	30.8	83.0

Rainfall total for week (inches).....2.23"

Rainfall total for year (inches)..... 36.09"

* Temperature, rainfall records, and soil moisture from Ardoyne Farm.
Soil moisture ranges from 0 cbars (saturated) to 200 cbars (dry).